

FILE 'USPAT' ENTERED AT 16:12:22 ON 16 APR 1999

L1 5491 (IMMUNOGEN##### OR ALLERGEN##### OR ANTIGEN#####) (8A)
5 (LOWER### OR REDUC### OR DECREAS### OR LESS##### OR ABAT#####
OR ATTENUAT### OR DIMINISH###)
L2 747 EPITOPE# (8A) (ALTER##### OR CHANG### OR MODIF##### OR
REMOV### OR ABOLISH### OR DELET### OR SUBSTITUT###)
L3 290 L1 AND L2
L4 812671 FY>1990
10 L5 50 L3 NOT L4

=> d L5 ti,fd,pd,ccls 1-50

US PAT NO: 5,770,572 [IMAGE AVAILABLE] L5: 1 of 50
15 TITLE: Methods and compositions using molecular decoyants for ameliorating the
undesired effects of foreign agents which bind to endogenous receptors
DATE FILED: Jun. 30, 1989 DATE ISSUED: Jun. 23, 1998
US-CL-CURRENT: 514/13, 2, 21; 530/326, 350

20 US PAT NO: 5,639,853 [IMAGE AVAILABLE] L5: 2 of 50
TITLE: Respiratory syncytial virus vaccines
DATE FILED: Sep. 20, 1989 DATE ISSUED: Jun. 17, 1997
US-CL-CURRENT: 530/324; 424/211.1; 530/350

25 US PAT NO: 5,508,186 [IMAGE AVAILABLE] L5: 3 of 50
TITLE: B19 parvovirus capsids
DATE FILED: Nov. 14, 1990 DATE ISSUED: Apr. 16, 1996
US-CL-CURRENT: 435/235.1; 424/233.1; 435/5, 236

30 US PAT NO: 5,459,060 [IMAGE AVAILABLE] L5: 4 of 50
TITLE: Human monoclonal antibodies directed against the transmembrane
glycoprotein (gp41) of human immunodeficiency virus-1 (HIV-1)
DATE FILED: Dec. 26, 1990 DATE ISSUED: Oct. 17, 1995
US-CL-CURRENT: 435/339.1; 424/142.1, 148.1; 435/70.21; 530/388.15, 388.35

35 US PAT NO: 5,292,653 [IMAGE AVAILABLE] L5: 5 of 50
TITLE: Equine herpesvirus 1 tk mutants
DATE FILED: Sep. 27, 1989 DATE ISSUED: Mar. 8, 1994
US-CL-CURRENT: 435/235.1, 320.1

40 US PAT NO: 5,284,931 [IMAGE AVAILABLE] L5: 6 of 50
TITLE: Intercellular adhesion molecules, and their binding ligands
DATE FILED: Apr. 27, 1990 DATE ISSUED: Feb. 8, 1994
US-CL-CURRENT: 424/139.1, 152.1, 153.1, 154.1, 172.1, 173.1; 514/8; 530/388.22, 395

45 US PAT NO: 5,272,058 [IMAGE AVAILABLE] L5: 7 of 50
TITLE: Diagnostic methods for E. histolytica
DATE FILED: Feb. 13, 1990 DATE ISSUED: Dec. 21, 1993
US-CL-CURRENT: 435/7.22, 975; 436/501; 530/350, 387.1, 388.6

50

US PAT NO: 5,231,168 [IMAGE AVAILABLE] L5: 8 of 50

TITLE: Malaria antigen

DATE FILED: Sep. 18, 1989 DATE ISSUED: Jul. 27, 1993

US-CL-CURRENT: 530/350, 300

5 US PAT NO: 5,229,490 [IMAGE AVAILABLE] L5: 9 of 50
TITLE: Multiple antigen peptide system
DATE FILED: Dec. 20, 1990 DATE ISSUED: Jul. 20, 1993
US-CL-CURRENT: 530/324; 424/185.1, 186.1, 188.1, 189.1, 190.1, 191.1, 193.1

10 US PAT NO: 5,223,254 [IMAGE AVAILABLE] L5: 10 of 50
TITLE: Respiratory syncytial virus: vaccines
DATE FILED: Sep. 20, 1988 DATE ISSUED: Jun. 29, 1993
US-CL-CURRENT: 424/186.1, 211.1; 514/2, 8, 12

15 US PAT NO: 5,219,725 [IMAGE AVAILABLE] L5: 11 of 50
TITLE: Monoclonal antibodies to feline-T-lymphotropic lentivirus
DATE FILED: Jan. 5, 1989 DATE ISSUED: Jun. 15, 1993
US-CL-CURRENT: 435/5; 436/548; 530/388.35

20 US PAT NO: 5,196,512 [IMAGE AVAILABLE] L5: 12 of 50
TITLE: Synthetic peptides useful as universal carriers for the preparation of immunogenic conjugates and their use in the development of synthetic vaccines
DATE FILED: Nov. 8, 1990 DATE ISSUED: Mar. 23, 1993
25 US-CL-CURRENT: 530/326; 424/190.1, 191.1; 530/322, 324, 327, 403, 405; 930/200, 210

30 US PAT NO: 5,196,309 [IMAGE AVAILABLE] L5: 13 of 50
TITLE: Characterization of platelet aggregation disorders
DATE FILED: Nov. 15, 1990 DATE ISSUED: Mar. 23, 1993
US-CL-CURRENT: 435/7.21, 7.24; 436/503, 548

35 US PAT NO: 5,196,193 [IMAGE AVAILABLE] L5: 14 of 50
TITLE: Antivenoms and methods for making antivenoms
DATE FILED: Oct. 31, 1989 DATE ISSUED: Mar. 23, 1993
US-CL-CURRENT: 424/172.1; 530/387.1, 389.1, 856, 858

40 US PAT NO: 5,194,595 [IMAGE AVAILABLE] L5: 15 of 50
TITLE: Chimeric glycoproteins containing immunogenic segments of the glycoproteins
of human respiratory syncytial virus
DATE FILED: Jun. 20, 1990 DATE ISSUED: Mar. 16, 1993
US-CL-CURRENT: 530/395; 424/186.1, 211.1; 435/69.7

45 US PAT NO: 5,177,014 [IMAGE AVAILABLE] L5: 16 of 50
TITLE: Monoclonal antibodies to feline-T-lymphotropic lentivirus
DATE FILED: Dec. 5, 1989 DATE ISSUED: Jan. 5, 1993
US-CL-CURRENT: 435/188, 5, 7.92; 530/388.5, 391.3

50 US PAT NO: 5,173,422 [IMAGE AVAILABLE] L5: 17 of 50
TITLE: Monoclonal antibodies specific for human glycoalbumin
DATE FILED: May 3, 1990 DATE ISSUED: Dec. 22, 1992
US-CL-CURRENT: 435/331, 7.1, 7.9, 68.1; 436/66, 67, 548, 815; 530/324, 325, 326, 327

- US PAT NO: 5,173,399 [IMAGE AVAILABLE] L5: 18 of 50
TITLE: Mouse monoclonal antibodies to hiv-1p24 and their use in diagnostic tests
DATE FILED: Jun. 10, 1988 DATE ISSUED: Dec. 22, 1992
US-CL-CURRENT: 435/5, 7.1, 7.92, 7.93, 7.94, 7.95, 971, 974, 975; 436/548; 530/388.3
- 5 US PAT NO: 5,166,050 [IMAGE AVAILABLE] L5: 19 of 50
TITLE: Monoclonal antibodies and peptides useful in treating and diagnosing HIV infections
DATE FILED: Dec. 7, 1990 DATE ISSUED: Nov. 24, 1992
US-CL-CURRENT: 435/5; 424/139.1, 148.1, 188.1, 208.1; 435/70.21, 339.1; 530/388.1, 388.35
- 10 US PAT NO: 5,135,916 [IMAGE AVAILABLE] L5: 20 of 50
TITLE: Inhibition of complement mediated inflammatory response
DATE FILED: Jun. 12, 1989 DATE ISSUED: Aug. 4, 1992
US-CL-CURRENT: 514/21, 2, 8, 12; 530/350, 380, 830
- 15 US PAT NO: 5,126,131 [IMAGE AVAILABLE] L5: 21 of 50
TITLE: Therapeutic suppression of specific immune responses by administration of antigen-competitive conjugates.
DATE FILED: Sep. 21, 1988 DATE ISSUED: Jun. 30, 1992
20 US-CL-CURRENT: 424/193.1, 184.1, 810; 514/2, 8, 10, 21; 530/402, 403, 404, 405, 406
- US PAT NO: 5,126,130 [IMAGE AVAILABLE] L5: 22 of 50
TITLE: Monoclonal antibodies reactive with specific antigenic sites on human cytomegalovirus glycoprotein A
25 DATE FILED: Aug. 7, 1987 DATE ISSUED: Jun. 30, 1992
US-CL-CURRENT: 424/147.1; 530/388.3
- US PAT NO: 5,114,713 [IMAGE AVAILABLE] L5: 23 of 50
TITLE: P. falciparum CS-peptides as universal T-cell epitope
30 DATE FILED: May 18, 1989 DATE ISSUED: May 19, 1992
US-CL-CURRENT: 424/191.1, 268.1, 272.1; 530/324, 326, 350, 806
- US PAT NO: 5,110,911 [IMAGE AVAILABLE] L5: 24 of 50
TITLE: Human tumor-associated Thomsen-Friedenreich antigen
35 DATE FILED: Nov. 2, 1989 DATE ISSUED: May 5, 1992
US-CL-CURRENT: 530/395; 436/15, 87, 545; 530/350, 413, 810, 828
- US PAT NO: 5,100,662 [IMAGE AVAILABLE] L5: 25 of 50
TITLE: Steroidal liposomes exhibiting enhanced stability
40 DATE FILED: Oct. 16, 1989 DATE ISSUED: Mar. 31, 1992
US-CL-CURRENT: 424/450, 85.2, 208.1, 210.1, 211.1, 226.1, 227.1, 228.1, 250.1, 272.1
- US PAT NO: 5,064,755 [IMAGE AVAILABLE] L5: 26 of 50
TITLE: Two-site confirmatory assay
45 DATE FILED: Aug. 4, 1988 DATE ISSUED: Nov. 12, 1991
US-CL-CURRENT: 435/7.36, 4, 7.1, 7.2, 7.9, 29, 34; 436/501, 510, 536, 537, 538
- US PAT NO: 5,047,508 [IMAGE AVAILABLE] L5: 27 of 50
TITLE: Monoclonal antibody to MHS-5; a new probe for sexual assault analysis
50 DATE FILED: Apr. 21, 1987 DATE ISSUED: Sep. 10, 1991
US-CL-CURRENT: 435/452; 530/388.2

US PAT NO: 5,039,611 [IMAGE AVAILABLE] L5: 28 of 50
TITLE: Monoclonal antibodies to superficial papillary bladder tumor cells
DATE FILED: Sep. 28, 1987 DATE ISSUED: Aug. 13, 1991
US-CL-CURRENT: 435/344.1; 530/388.85, 808

- 5 US PAT NO: 5,019,384 [IMAGE AVAILABLE] L5: 29 of 50
TITLE: Immunonodulating compositions and their use
DATE FILED: Nov. 13, 1989 DATE ISSUED: May 28, 1991
US-CL-CURRENT: 424/184.1, 185.1, 186.1, 190.1, 204.1, 234.1, 265.1, 272.1
- 10 US PAT NO: 4,910,131 [IMAGE AVAILABLE] L5: 30 of 50
TITLE: Idiotype and anti-idiotype antibodies useful in virus detection
DATE FILED: Dec. 23, 1987 DATE ISSUED: Mar. 20, 1990
US-CL-CURRENT: 435/5, 7.92, 327, 948; 436/548; 530/387.2, 387.9, 388.3, 388.35, 389.4
- 15 US PAT NO: 4,894,443 [IMAGE AVAILABLE] L5: 31 of 50
TITLE: Toxin conjugates
DATE FILED: Sep. 7, 1984 DATE ISSUED: Jan. 16, 1990
US-CL-CURRENT: 424/179.1; 435/69.1, 69.7; 514/2, 21; 530/350, 388.8, 391.7, 391.9, 820
- 20 US PAT NO: 4,891,315 [IMAGE AVAILABLE] L5: 32 of 50
TITLE: Production of herpes simplex viral proteins
DATE FILED: Jul. 6, 1983 DATE ISSUED: Jan. 2, 1990
US-CL-CURRENT: 435/69.3, 243, 252.3, 252.33, 254.2, 320.1, 483, 488; 536/23.72
- 25 US PAT NO: 4,874,705 [IMAGE AVAILABLE] L5: 33 of 50
TITLE: DNA encoding an antigenic protein derived from Eimeria tenella and vaccines
for prevention of coccidiosis caused by Eimeria tenella
DATE FILED: Dec. 6, 1985 DATE ISSUED: Oct. 17, 1989
30 US-CL-CURRENT: 435/252.33; 424/191.1, 267.1; 435/69.3, 320.1; 530/350, 806; 536/23.5
- US PAT NO: 4,870,023 [IMAGE AVAILABLE] L5: 34 of 50
TITLE: Recombinant baculovirus occlusion bodies in vaccines and biological insecticides
DATE FILED: Feb. 8, 1988 DATE ISSUED: Sep. 26, 1989
35 US-CL-CURRENT: 435/235.1, 69.3, 69.7, 243, 320.1; 530/350, 820, 826; 536/23.1, 23.4
- 40 US PAT NO: 4,863,713 [IMAGE AVAILABLE] L5: 35 of 50
TITLE: Method and system for administering therapeutic and diagnostic agents
DATE FILED: Jun. 23, 1986 DATE ISSUED: Sep. 5, 1989
US-CL-CURRENT: 424/1.57, 136.1, 175.1; 534/14
- 45 US PAT NO: 4,857,637 [IMAGE AVAILABLE] L5: 36 of 50
TITLE: Methods and compositions for immunologically modulating growth hormone
receptor activity
DATE FILED: Jun. 12, 1987 DATE ISSUED: Aug. 15, 1989
US-CL-CURRENT: 424/185.1; 436/519, 543; 530/402, 403, 810; 930/10, 300
- 50 US PAT NO: 4,855,285 [IMAGE AVAILABLE] L5: 37 of 50
TITLE: Antigenic modification of polypeptides
DATE FILED: Aug. 17, 1987 DATE ISSUED: Aug. 8, 1989
US-CL-CURRENT: 514/12, 13; 930/20, 40, 110, 220

- US PAT NO: 4,839,275 [IMAGE AVAILABLE] L5: 38 of 50
TITLE: Circulating antigens of dirofilaria immitis, monoclonal antibodies specific therefor and methods of preparing such antibodies and detecting such antigens
DATE FILED: Dec. 30, 1985 DATE ISSUED: Jun. 13, 1989
5 US-CL-CURRENT: 435/7.22, 188; 436/518, 543; 530/388.6, 395, 864
- US PAT NO: 4,818,694 [IMAGE AVAILABLE] L5: 39 of 50
TITLE: Production of herpes simplex viral protein
DATE FILED: Jul. 20, 1982 DATE ISSUED: Apr. 4, 1989
10 US-CL-CURRENT: 435/69.3, 243, 252.33, 320.1, 488; 536/23.72; 930/224
- US PAT NO: 4,810,781 [IMAGE AVAILABLE] L5: 40 of 50
TITLE: Methods of preparing epitopes of tumor associated antigens
DATE FILED: Oct. 13, 1987 DATE ISSUED: Mar. 7, 1989
15 US-CL-CURRENT: 530/413; 435/212; 530/388.8, 388.85, 403, 407, 415, 416, 806, 808, 828
- US PAT NO: 4,810,492 [IMAGE AVAILABLE] L5: 41 of 50
TITLE: Flavivirus antigen
DATE FILED: Nov. 19, 1986 DATE ISSUED: Mar. 7, 1989
20 US-CL-CURRENT: 424/186.1, 192.1, 218.1; 530/350; 536/23.72; 930/220
- US PAT NO: 4,797,473 [IMAGE AVAILABLE] L5: 42 of 50
TITLE: Monoclonal antibodies to unreduced, nonenzymatically-glycosylated proteins
DATE FILED: Jun. 25, 1986 DATE ISSUED: Jan. 10, 1989
25 US-CL-CURRENT: 435/7.95, 70.21, 329, 344.1, 449, 452; 436/548; 530/388.25
- US PAT NO: 4,797,277 [IMAGE AVAILABLE] L5: 43 of 50
TITLE: Method for reperfusion therapy
DATE FILED: Sep. 22, 1987 DATE ISSUED: Jan. 10, 1989
30 US-CL-CURRENT: 435/1.2; 424/143.1, 153.1; 514/2, 21; 530/388.7
- US PAT NO: 4,778,752 [IMAGE AVAILABLE] L5: 44 of 50
TITLE: Receptors specific for hapten-modified self proteins
DATE FILED: Dec. 17, 1986 DATE ISSUED: Oct. 18, 1988
35 US-CL-CURRENT: 435/7.92, 70.21, 329, 452, 810, 948, 975; 436/67, 87, 548, 808; 530/388.25
- US PAT NO: 4,740,467 [IMAGE AVAILABLE] L5: 45 of 50
TITLE: Methods for diagnosing syphilis
DATE FILED: Feb. 15, 1985 DATE ISSUED: Apr. 26, 1988
40 US-CL-CURRENT: 435/7.36, 188; 436/548; 530/388.4, 391.3
- US PAT NO: 4,735,800 [IMAGE AVAILABLE] L5: 46 of 50
TITLE: Vaccines against rift valley fever virus
DATE FILED: Aug. 23, 1984 DATE ISSUED: Apr. 5, 1988
45 US-CL-CURRENT: 424/186.1, 204.1; 435/69.3, 252.33, 849; 530/806; 536/23.7, 23.72, 24.1
- US PAT NO: 4,683,196 [IMAGE AVAILABLE] L5: 47 of 50
TITLE: Method and materials for the identification of lipopolysaccharide producing
50 microorganisms
DATE FILED: Mar. 16, 1984 DATE ISSUED: Jul. 28, 1987
US-CL-CURRENT: 435/7.35, 7.32, 7.36, 7.37, 7.9, 7.94, 810, 948, 975; 436/548, 807

US PAT NO: 4,683,136 [IMAGE AVAILABLE] L5: 48 of 50
TITLE: Proteinaceous antigens with conformation-independent and conformation-dependent determinants
5 DATE FILED: Mar. 6, 1985 DATE ISSUED: Jul. 28, 1987
US-CL-CURRENT: 424/189.1, 196.11, 227.1; 435/5, 184, 948, 961, 975; 436/86, 518, 543

US PAT NO: 4,677,057 [IMAGE AVAILABLE] L5: 49 of 50
TITLE: Diagnostic assay for the presence of apolipoproteins associated with plasma
10 high density lipoproteins
DATE FILED: Mar. 11, 1985 DATE ISSUED: Jun. 30, 1987
US-CL-CURRENT: 436/518; 435/7.5, 7.9, 7.92, 948, 975; 436/533, 540, 548,
808, 809, 811; 530/359, 388.25, 808, 809, 864

15 US PAT NO: 4,400,376 [IMAGE AVAILABLE] L5: 50 of 50
TITLE: Immunological preparations
DATE FILED: Nov. 17, 1980 DATE ISSUED: Aug. 23, 1983
US-CL-CURRENT: 424/180.1, 194.1, 195.11, 196.11, 197.11, 198.1, 209.1, 236.1; 238.1,
278.1, 809; 436/543; 530/388.2, 388.73, 389.2, 389.4, 389.5, 389.6, 391.9, 405
20 => log y U.S. Patent & Trademark Office LOGOFF AT 16:25:09 ON 16 APR 1999

FILE 'CA' ENTERED AT 13:14:49 ON 16 APR 1999

L1 24322 (IMMUN##### OR ALLERG##### OR ANTIGEN#####) (12A) (LOWER### OR
REDUC### OR ABAT### OR ATTENUAT### OR DECREAS### OR LESS###)
5 L2 1349 EPITOPE# (12A) (ALTER##### OR CHANG## OR MODIF##### OR REMOV###
OR ABOLI###)
L3 67 L1 AND L2
L4 3535787 PY=1990 OR PY=1989 OR PY=1988 OR PY=1987 OR PY=1986 OR PY=1985 OR PY=1984
L5 15 L3 AND L4

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=> d L5 bib 1-15

L5 ANSWER 1 OF 15 CA COPYRIGHT 1999 ACS 115:205372 CA
Properties of epitopes of Pfs 48/45, a target of transmission-blocking monoclonal antibodies,
15 on gametes of different isolates of Plasmodium falciparum
Carter, Richard; Graves, Patricia M.; Keister, David B.; Quakyi, Isabella A.
Parasite Immunol. 12(6), 587-603 1990

20 L5 ANSWER 2 OF 15 CA COPYRIGHT 1999 ACS 114:19085 CA
Altered susceptibility to viral respiratory infection during short-term exposure to nitrogen dioxide
Rose, R. M.; Pinkston, P.; Skornik, W. A.
From: Gov. Rep. Announce. Index (U. S.) 90(2), Abstr. No. 003,294 1990

25 L5 ANSWER 3 OF 15 CA COPYRIGHT 1999 ACS 113:208275 CA
Attenuation of wild-type yellow fever virus by passage in HeLa cells
Barrett, A. D. T.; Monath, T. P.; Cropp, C. B.; Adkins, J. A.; Ledger, T. N.; Gould, E. A.; et al.
J. Gen. Virol. 1990 71(10), 2301-2306

30 L5 ANSWER 4 OF 15 CA COPYRIGHT 1999 ACS 113:170006 CA
The role of carbohydrate in the antigenic and immunogenic structure of bovine herpesvirus type 1
glycoproteins gI and gIV
Van Drunen Littel-Van den Hurk, S.; Hughes, G.; Babiuk, L. A.
J. Gen. Virol. 71(9), 2053-2063 1990

35 L5 ANSWER 5 OF 15 CA COPYRIGHT 1999 ACS 113:148295 CA
Polyclonal antibodies against formaldehyde-modified apolipoprotein A-I. An approach to
circumventing fixation-induced loss of antigenicity in immunocytochemistry
Harrach, Baerbel; Robenek, Horst
Arteriosclerosis (Dallas) 10(4), 564-576 1990

40 L5 ANSWER 6 OF 15 CA COPYRIGHT 1999 ACS 113:111878 CA
Influence of fixatives and embedding media on immunolabeling of freeze-substituted cells
Schwarz, Heinz; Humbel, Bruno M.
Scanning Microsc., Suppl. 3, 57-64 1989

45 L5 ANSWER 7 OF 15 CA COPYRIGHT 1999 ACS 111:74391 CA
Receptors specific for glycosylated proteins, their preparation, and their diagnostic use
Curtiss, Linda K.; Witztum, Joseph L.
US 4778752 (19881018) 28 pp., Cont. of U.S. Ser. No. 540,839, abandoned.

50

- L5 ANSWER 8 OF 15 CA COPYRIGHT 1999 ACS 109:168694 CA
Molecular analysis of the variant alloantigen HLA-B27d (HLA-B2703) identifies a unique single
amino acid substitution
Choo, Sung Yoon; St. John, Thomas; Orr, Harry T.; Hansen, John A.
5 Hum. Immunol. 21(3), 209-219 1988
- L5 ANSWER 9 OF 15 CA COPYRIGHT 1999 ACS 109:69089 CA
Lipolysis of LDL with phospholipase A2 alters the expression of selected apoB-100 epitopes
and the interaction of LDL with cells
10 Kleinman, Yoseph; Krul, Elaine S.; Burnes, Mary; Aronson, William; Pfleger, Barbara; et al.
J. Lipid Res. 29(6), 729-743 1988
- L5 ANSWER 10 OF 15 CA COPYRIGHT 1999 ACS 108:129718 CA
Natural feline leukemia virus variant escapes neutralization by a monoclonal antibody via
15 an amino acid change outside the antibody-binding epitope
Nicolaisen-Strouss, Kathryn; Kumar, Harish P. M.; Fitting, Thomas; Grant, Chris K.; Elder, John H.
J. Virol. 61(11), 3410-3415 1987
- L5 ANSWER 11 OF 15 CA COPYRIGHT 1999 ACS 106:174318 CA
20 Selection of coxsackievirus B4 variants with monoclonal antibodies results in attenuation
Prabhakar, Bellur S.; Srinivasappa, Javaraiah; Ray, Usharanjan
J. Gen. Virol. 68(3), 865-869 1987
- L5 ANSWER 12 OF 15 CA COPYRIGHT 1999 ACS 104:221501 CA
25 Effects of solid phase and antigen solvent on the binding and immunoassay of
water-insoluble flour proteins
Skerritt, John H.; Martinuzzi, Ornella
J. Immunol. Methods 88(2), 217-224 1986
- L5 ANSWER 13 OF 15 CA COPYRIGHT 1999 ACS 104:127832 CA
30 Analysis of gonococcal lipooligosaccharides with mouse monoclonal antibodies: vanishing and
reemerging epitopes caused by sodium hydroxide, EDTA, and divalent cation treatment
Mandrell, Robert; Yamasaki, Ryohei; Apicella, Michael; Griffiss, J. McLeod; et al.
Pathog. Neisseriae, Proc. Int. Symp., 4th 1985 Meeting Date 1984, pp. 385-389
35 Ed(s): Schoolnik, Gary K. Publisher: Am. Soc. Microbiol., Washington, D. C.
- L5 ANSWER 14 OF 15 CA COPYRIGHT 1999 ACS 102:679 CA
Insulin bound to the insulin receptor of IM-9 lymphocytes is more accessible to antiinsulin
40 antibodies after treatment with dithiothreitol: bound insulin is deeply buried in the
receptor-binding site
McElduff, Aidan; Schroer, Joyce A.; Taylor, Simeon I.
Endocrinology (Baltimore) 115(5), 1869-1875 1984
- L5 ANSWER 15 OF 15 CA COPYRIGHT 1999 ACS 101:52978 CA
45 Immunodominant protein epitopes. II. The primary antibody response to hen egg white
lysozyme requires and focuses upon a unique N-terminal epitope
Wicker, Linda S.; Benjamin, Christopher D.; Miller, Alexander; Sercarz, Eli E.
Eur. J. Immunol. 14(5), 447-453 1984
- 50 => log y FULL ESTIMATED COST 47.26 STN INTERNATIONAL LOGOFF AT 13:27:38 ON 16 APR 1999

SYSTEM:OS - DIALOG OneSearch 16apr99 12:35:49 Session D590.3

File 5:BIOSIS PREVIEWS(R) 1969-1999/Apr W2(c) 1999 BIOSIS
File 155:MEDLINE(R) 1966-1999/Jun W1(c) format only 1999 Dialog Corporation
File 10:AGRICOLA 70-1999/Apr (c) format only 1999 The Dialog Corporation
5 File 357:Derwent Biotechnology Abs 1982-1999/Apr B2 (c) 1999 Derwent Publ Ltd
File 358:Current BioTech Abs 1983-1999/May Royal Soc Chem & DECHEMA

Set Items Description

S1 32059 (ALLERGEN? OR IMMUNOGEN? OR ANTIGEN?) (20N) (REDUC? OR LOWER?
10 OR ABAT? OR ATTENUAT? OR DECREAS? OR DIMINISH?)
S2 4389 EPITOP? (12N) (ALTER? OR CHANG? OR MODIF? OR REMOV? OR ABOLISH?
OR DELET? OR SUBSTITUT?)
S3 190 S1 AND S2
S4 140 RD (unique items)
15 S5 7309612 PY>1990
S6 44 S4 NOT S5

? t s6/3/1-44

6/3/1 (Item 1 from file: 5) DIALOG(R)File 5:BIOSIS PREVIEWS(R)
20 (c) 1999 BIOSIS. All rts. reserv. 10044708 BIOSIS NO.: 199598499626
Antiphospholipid antibodies and fetal loss: Clinical association and possible pathogenetic role
in experimental models
Meroni Pier Luigi; Piona Alessandra; La Rosa Luigi; Tincani Angela; Balestrieri Genesio; et al.
Regional Immunology 6(5-6): 344-349 1990

25 6/3/2 (Item 1 from file: 155) DIALOG(R)File 155:MEDLINE(R)
(c) format only 1999 Dialog Corporation. All rts. reserv. 07391408 91011582
Alz-50 recognizes a phosphorylated epitope of tau protein
Ueda K; Masliah E; Saitoh T; Bakalis SL; Scoble H; Kosik KS
30 Journal of Neuroscience Oct 10(10) : 3295-304 1990

6/3/3 (Item 2 from file: 155) DIALOG(R)File 155:MEDLINE(R)
(c) format only 1999 Dialog Corporation. All rts. reserv. 06993073 91194973
Properties of epitopes of Pfs 46/45, a target of transmission blocking monoclonal antibodies,
35 on gametes of different isolates of Plasmodium falciparum
Carter R; Graves PM; Keister DB; Quakyi IA
Parasite Immunology 12(6): 587-603 Nov 1990

40 6/3/4 (Item 3 from file: 155) DIALOG(R)File 155:MEDLINE(R)
(c) format only 1999 Dialog Corporation. All rts. reserv. 06985578 91011351
The role of carbohydrate in the antigenic and immunogenic structure of bovine herpesvirus
type 1 glycoproteins gI and gIV
van Drunen Littel-van den Hurk S; Hughes G; Babiuk LA
J Gen Virol 71(Pt 9): 2053-2063 Sep 1990

45 6/3/5 (Item 4 from file: 155) DIALOG(R)File 155:MEDLINE(R)
(c) format only 1999 Dialog Corporation. All rts. reserv. 06984691 90376102
Oligosaccharide-related epitope specific for a brain-specific glycoprotein, 1D4 antigen
Sano S; Ito S; Nakamura M; Nakagawa H
50 J Neurochem 55(4): 1252-1257 Oct 1990

- 6/3/6 (Item 5 from file: 155) DIALOG(R)File 155: MEDLINE(R)
(c) format only 1999 Dialog Corporation. All rts. reserv. 06982262 90314862
Polyclonal antibodies against formaldehyde-modified apolipoprotein A-I: An approach
to circumventing fixation-induced loss of antigenicity in immunocytochemistry
5 Harrach B; Robenek H
Arteriosclerosis 10(4): 564-576 Jul-Aug 1990
- 6/3/7 (Item 6 from file: 155) DIALOG(R)File 155: MEDLINE(R)
(c) format only 1999 Dialog Corporation. All rts. reserv. 06503111 91037961
10 Attenuation of wild-type yellow fever virus by passage in HeLa cells
Barrett AD; Monath TP; Cropp CB; Adkins JA; Ledger TN; Gould EA; Schlesinger JJ; et al.
J Gen Virol 71(Pt 10): 2301-2306 Oct 1990
- 6/3/8 (Item 7 from file: 155) DIALOG(R)File 155: MEDLINE(R)
15 (c) format only 1999 Dialog Corporation. All rts. reserv. 06314533 90034911
Recognition of a high molecular weight glycoprotein (HMW-GP) associated with rat colon
cancer cells by rat monoclonal antibodies
Jansson B; Brodin T; Sjogren HO
Hybridoma 8(5): 493-505 Oct 1989
- 6/3/9 (Item 8 from file: 155) DIALOG(R)File 155: MEDLINE(R)
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PATENT NUMBER: US 7311612 PATENT DATE: 890725

WPI ACCESSION NO.: 89-300676 PATENT ASSIGNEE: U.S.Dept.Health-Human-Serv.

PRIORITY APPLIC. NO.: US 311612 APPLIC. DATE: 890215

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